



U.S. Department of Energy  
Office of Electricity Delivery & Energy Reliability

**Hurricane Sandy-Nor'easter Situation Report #10**

**November 16, 2012 (10:00 AM EST)**

[http://www.oe.netl.doe.gov/emergency\\_sit\\_rpt.aspx](http://www.oe.netl.doe.gov/emergency_sit_rpt.aspx)

**Highlights:**

- Beginning November 7<sup>th</sup>, a Nor'easter impacted the Mid-Atlantic and Northeast with strong winds, rain or snow, and coastal flooding. At 8:00 pm EDT October 29, the National Hurricane Center reported Sandy made landfall near Atlantic City, NJ as a post tropical cyclone.
- As of 9:00 am EST November 16, there are 2,129 customers without power in the State of New York. This is a decrease of 22,932 customer outages from Situation Report #9. The combined total peak customer outages from Hurricane Sandy and the Nor'easter (reported in the Situation Reports) are 8,661,527: 8,511,251 from Hurricane Sandy and 150,276 from the Nor'easter Storm, respectively.
- Restoration estimates and efforts by electric utilities are reported below.

**Summary**

Electric Outages by State					
Impacted State	Current Customer Outages	Percentage of Customers Without Power	Peak Outages Attributed to Hurricane Sandy	Peak Outages Attributed to Nor'easter	Total Customers Restored Since Peak for Both Storms
New York	2,129	< 1%	2,097,933	102,885	2,198,689
<b>TOTAL:</b>	<b>2,129</b>				

**Note:** States with fewer than 1,000 outages are not included in the table. Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive. Customer outages are representative of specific Situation Report reference dates and times.

**Sources:** Outages obtained from company web sites and DOE communications. Total State customers are based on 2011 EIA Customer Data.

- On Tuesday (November 13), the U.S. Environmental Protection Agency (EPA) extended the No Action Assurance (NAA) allowing stationary emergency diesel generators and pumps used for emergency response in New York and New Jersey to use home heating oil for fuel rather than ultra low sulfur diesel (ULSD). The NAA was extended to November 20. Also on Tuesday, the EPA extended its NAA allowing the loading and unloading of fuel without the use of vapor recovery systems in New York and New Jersey. This NAA was extended to December 7.

**ESF 12 Actions:**

- ESF 12 is staffing the the FEMA National Response Coordination Center (NRCC) in Washington, DC and the FEMA New Jersey Joint Field Office (JFO). ESF 12 has been demobilized from the FEMA Region II Regional Response Coordination Center (RRCC) in Colts Neck, NJ, the New Jersey State Emergency Operations Center (EOC) in West Trenton, NJ, and the FEMA New York Joint Field Office (JFO).



## Petroleum & Natural Gas Information: Refineries

- According to trade press, Hess has begun restarting is Port Reading, NJ refinery.
- A list of refineries impacted by Hurricane Sandy is presented in the table below.

Refineries in the Path of Sandy as of 8:00 am EST 11/16/12						
Refinery	Location	Capacity (B/D)				
		Operating Capacity*	Shut Down	Restarting	Reduced Runs	Normal
Hess*	Port Reading, NJ	70,000		X		
Monroe Energy	Trainer, PA	185,000				X
PBF	Delaware City, DE	182,200				X
PBF	Paulsboro, NJ	160,000				X
Philadelphia Energy Solutions (Sunoco)	Philadelphia, PA	335,000				X
Phillips 66	Linden, NJ	238,000	X			
<b>TOTAL</b>		<b>1,170,200</b>	<b>238,000</b>	<b>70,000</b>	<b>0</b>	<b>862,200</b>

**Note:** The table does not include asphalt refineries or facilities already closed in prior years.

\*The Hess Port Reading, NJ facility does not process crude, but processes gas oils to produce petroleum products.

**Sources:** Confirmed by company or on company web site. Various trade press sources

## Petroleum Terminals

- A total of 57 terminals in the path of Hurricane Sandy have reported on their status in the aftermath of the storm. As of 8:00 am today (November 12), reports indicate that 52 terminals are open and 5 terminals are shut. The tables below lists terminals that remain shut or that have recently re-opened.

Status of Petroleum Terminals as of 8:00 am EST 11/16/12				
Company	City	State	Status	Date Stamp
Hess	Bayonne	NJ	Shut	11/3/12
CITGO	Linden	NJ	Shut	11/5/12
Phillips 66	Tremley Point	NJ	Shut	11/3/12
Motiva	Brooklyn	NY	Shut	10/31/12
Motiva	Long Island	NY	Shut	10/31/12

**Sources:** Confirmed by company or on company web site. Various trade press sources

## Natural Gas Distribution

- New Jersey Natural Gas (NJNG) reported yesterday (November 15) that it has restored gas to all of its customers in Sea Bright who are able to have their services safely restored. Restoration activities continue in Manasquan. On the Ocean County Mainland, natural gas is available to 5,415 of affected customers' meters, with 1,614 turned back on. NJNG has corrected 26 percent of the anomalies that must be addressed before it can begin to re-pressurize its system from Bay Head to Seaside. NJNG's sectionalization valves are in place and re-pressurization plans are completed. On Long Beach Island, natural gas is now available to 2,254 to customers' meters. Due to the flooding from Sandy, the company shut off natural gas service to the barrier islands areas of Long Beach Island and Bay Head to Seaside Park on November 1. For detailed information on the restoration activities and timeline, go to: <http://www.njng.com/safety/hurricane-sandy-updates/index.asp>.



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### Electric Restoration Information

#### New Jersey

- Jersey Central Power & Light (JCP&L), a FirstEnergy subsidiary, reports that it has restored power to virtually all affected customers affected by Hurricane Sandy and the Nor'easter. In the Barrier Islands and some of the shoreline communities where the storm devastation is most severe, the company estimates that there are 30,000 customers who cannot be restored. JCP&L is working with State and local officials on developing and implementing a full restoration plan and timeline to connect these affected customers safely.
- Atlantic City Electric (ACE) has restored power to all those affected by Hurricane Sandy who are able to receive power. ACE reported there are still approximately 5,000 customers, who, because of extensive damage to their homes, cannot accept electric service at this time. The utility will restore electricity to those homes once it is safe to do so.

#### New York

- Con Edison reported that it has restored power to all customers, affected by Sandy and the Nor'easter, who can receive power. The company stated that in its shoreline communities of Brooklyn, Queens, and Staten Island, there are 2,338 customers who cannot get electrical service until their own internal equipment is repaired, tested and certified by an electrician as ready for service. The company is working with the New York City Buildings Department to expedite the restoration of these customers.
- Long Island Power Authority (LIPA) reported Tuesday (November 13) that it has restored nearly all of its customers affected by the storms who can safely receive power. There are 6,460 customers in Nassau, Long Beach, and Suffolk and 24,000 in the Rockaways who are unable to safely receive power without repairs. LIPA is working with local jurisdictions to complete needed surveys to determine whether or not electric power can be delivered to customer homes in those areas. LIPA had over 9,400 linemen and tree trim crews working to restore power.

#### West Virginia

- Mon Power, a First Energy Corp. subsidiary, has restored power to all customers in West Virginia affected by Hurricane Sandy.